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MINUTES OF THE ANNUAL MEETING OF THE ASTRONOMICAL
SOCIETY OF THE PACIFIC, HELD IN THE ROOMS OF THE
SOCIETY, MARCH 31, 1900, AT 8 P. M.

The meeting was called to order by Mr. BURCKHALTER. A quorum was present. The minutes of the last meeting were approved. The Secretary read the names of new members duly elected at the Directors' meeting.

The following papers were presented :—

1. Address of the retiring President of the Society in Conferring the Bruce Medal upon Dr. DAVID GILL, by GEORGE C. PARDEE.
2. Reports of Committees: on Nominations; on the Comet Medal; on Auditing; and Annual Report of the Treasurer.
3. Astronomical Observations in 1899, by TORVALD KÖHL.
4. The Chabot Observatory—Dolbeer Eclipse Expedition, May 28, 1900, by CHAS. BURCKHALTER.
5. Planetary Phenomena for May and June, 1900, by MALCOLM MCNEILL.
6. Visual Observations of the Moon and Planets made at Harvard College Observatory, by EDWARD S. HOLDEN.
7. Some Computations relative to the Solar Eclipse of May 28, 1900, by S. C. PHIPPS.

The Committee on Nominations reported a list of names proposed for election as Directors, as follows: Messrs. CHAS. BURCKHALTER, W. W. CAMPBELL, JOHN DOLBEER, C. B. HILL, JAMES E. KEELER, E. J. MOLERA, Miss R. O'HALLORAN, Messrs. C. D. PERRINE, WM. M. PIERSON, S. D. TOWNLEY, F. R. ZIEL.

For Committee on Publication: Messrs. R. G. AITKEN, S. D. TOWNLEY, O. VON GELDERN.

Messrs. TOWNLEY and McCONNELL were appointed as tellers. The polls were open from 8:15 to 9 P. M., and the persons above named were duly elected to serve for the ensuing year.

REPORT OF THE COMMITTEE ON THE COMET-MEDAL, SUBMITTED
MARCH 31, 1900.

This report relates to the calendar year 1899. The comets of 1899 have been:

- Comet *a* (unexpected comet), discovered by Dr. LEWIS SWIFT, Director of the Lowe Observatory, on March 3d.
- Comet *b*, TUTTLE's periodic comet, re-discovered by Professor MAX WOLF, at Heidelberg, on March 5th.
- Comet *c*, TEMPEL's second periodic comet, re-discovered by Mr. C. D. PERRINE, Assistant Astronomer in the Lick Observatory, on May 6th.
- Comet *d*, HOLMES's periodic comet, re-discovered by Mr. C. D. PERRINE, Assistant Astronomer in the Lick Observatory, on June 10th.
- Comet *e* (unexpected comet), discovered by M. MICHEL GIACOBINI, at the Nice Observatory, on September 29th.

The Comet-Medal has been awarded to the discoverers of Comets *a* and *e*, in accordance with the regulations.

Respectfully submitted,

JAMES E. KEELER,
WM. M. PIERSON,
CHAS. BURCKHALTER.

Astronomical Society of the Pacific.

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The Treasurer submitted his Annual Report as follows:—

ANNUAL STATEMENT OF THE RECEIPTS AND EXPENDITURES OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC FOR THE FISCAL YEAR ENDING MARCH 31, 1900.

GENERAL FUND.

Receipts.

| | | |
|---|------------------|------------------|
| Cash Balance, March 25, 1899..... | | \$224 55 |
| Received from dues..... | \$1060 20 | |
| “ “ sale of publications..... | 44 00 | |
| “ “ stationery..... | 2 40 | |
| “ “ advertisements..... | 35 00 | |
| “ “ Security Savings Bank (interest)..... | 28 | |
| “ “ Life Membership Fund (interest)..... | 76 74 | |
| “ “ Bruce Medal Fund, advance of Feb. 27, 1899, returned... | 59 97 | |
| | <u>\$1278 59</u> | |
| Less transfer to Life Membership Fund..... | 50 00 | 1228 59 |
| | | <u>\$1453 14</u> |

Expenditures.

| | | |
|---|------------------|-----------------|
| For publications: printing..... | \$739 70 | |
| “ “ : illustrations (cuts)..... | 26 36 | |
| | <u>\$766 06</u> | |
| Stationery and printing..... | 59 15 | |
| Postages..... | 77 22 | |
| Rent..... | 180 00 | |
| Salary Secretary-Treasurer..... | 180 00 | |
| Expressages..... | 5 10 | |
| Janitor and elevator..... | 6 50 | |
| Gas..... | 1 30 | |
| Taxes..... | 2 45 | |
| Insurance premiums..... | 22 50 | |
| Telegrams..... | 2 90 | |
| Collecting dues..... | 10 50 | |
| Lantern at lecture, and lecturer's expenses..... | 17 75 | |
| Engrossing diplomas..... | 2 40 | |
| Engraving two comet medals (Nos. 36 and 37) .. | 2 00 | |
| Typewriting and exchange..... | 60 | |
| | <u>\$1336 43</u> | |
| | | <u>\$116 71</u> |
| Mar. 8, 1900. Advanced to Bruce Medal Fund (third award)... | | 81 62 |
| Cash Balance, March 31, 1900..... | | <u>\$35 09</u> |

LIFE MEMBERSHIP FUND.

| | |
|--|------------------|
| Cash Balance, March 25, 1899..... | \$2053 95 |
| Received from General Fund..... | 50 00 |
| “ “ Interest for 1899..... | 76 74 |
| | <u>\$2180 69</u> |
| Less interest transferred to General Fund..... | 76 74 |
| Cash Balance, March 31, 1900..... | <u>\$2103 95</u> |

DONOHUE COMET-MEDAL FUND.

| | |
|-----------------------------------|-----------------|
| Cash Balance, March 25, 1899..... | \$641 72 |
| Interest for 1899..... | 23 97 |
| Cash Balance, March 31, 1900..... | <u>\$665 69</u> |

Publications of the

BRUCE MEDAL FUND.

| | |
|---|--------------------|
| Cash Balance, March 25, 1899. | \$2500 00 |
| Interest for 1899. | 80 30 |
| March 8, 1900. Cash advanced by General Fund for Third Award. | 81 62 |
| | <u>\$2661 92</u> |
| Oct. 4, 1899. Cash of Feb. 27, 1899, returned to General Fund. | \$59 97 |
| March 9, 1900. Remittance to A. DUBOIS for one Gold Medal (Third Award). | 101 95 161 92 |
| Cash Balance, March 31, 1900 | <u>\$2500 00</u> |

ALEXANDER MONTGOMERY LIBRARY FUND.

| | |
|---|------------------|
| Cash Balance, March 25, 1899. | \$1517 90 |
| Interest for 1899. | 56 16 |
| | <u>\$1574 06</u> |
| Less expenditures: Vol. 1, Astronomical Journal. | \$9 00 |
| Subscription, Popular Astronomy. | 2 50 |
| Librarian. | 1 75 |
| Hicks-Judd Co., for binding. | 37 70 50 95 |
| | <u>\$1523 11</u> |

FUNDS.

Balances on Deposit as follows:

| | |
|---|------------------|
| General Fund: | |
| with Donohoe Kelly Banking Co. | \$25 33 |
| " Security Savings Bank. | 9 76 |
| | <u>\$35 09</u> |
| Life Membership Fund: | |
| with San Francisco Savings Union. | \$903 95 |
| " German Savings and Loan Society. | 600 00 |
| " Hibernia Savings and Loan Society. | 600 00 |
| | <u>\$2103 95</u> |
| Donohoe Comet-Medal Fund: | |
| with San Francisco Savings Union. | \$221 95 |
| " German Savings and Loan Society. | 216 43 |
| " Hibernia Savings and Loan Society. | 227 31 |
| | <u>\$665 69</u> |
| Alexander Montgomery Library Fund: | |
| with San Francisco Savings Union. | \$502 87 |
| " German Savings and Loan Society. | 416 06 |
| " Hibernia Savings and Loan Society. | 604 18 |
| | <u>\$1523 11</u> |
| Bruce Medal Fund: | |
| with San Francisco Savings Union. | \$1250 00 |
| " Security Savings Bank. | 625 00 |
| " German Savings and Loan Society. | 625 00 |
| | <u>\$2500 00</u> |
| | <u>\$6827 84</u> |

SAN FRANCISCO, March 31, 1900.

F. R. ZIEL, *Treasurer.*

The Committee appointed to audit the Treasurer's accounts reported as follows, and the report was, on motion, accepted and adopted:—

To the President and Members of the Astronomical Society of the Pacific:

GENTLEMEN—Your committee appointed to audit the accounts of the Treasurer for the fiscal year ending March 31, 1900, have made a careful examination, and find same to be correct.

Yours respectfully,

March 31, 1900.

O. VON GELDERN,
F. H. McCONNELL.

The following resolution was, upon motion by Mr. PIERSON, adopted :—

Resolved, That in the death of Miss CATHERINE WOLFE BRUCE, which has just been announced to this Society, science has suffered an irreparable loss, and this Society a sympathizing and generous friend. Although suffering for years from a painful illness, she yet rarely refused to stretch forth a bounteous hand in aid of astronomical science. To recount her gifts were needless, for they are part of the annals of the scientific world. Her munificent endowment of the Gold Medal Fund of this Society will stand as a perpetual memorial of her love for astronomy, and the bestowal of the medals she provided, a constantly recurring remembrance both to us and to the recipients of them, of her gracious efforts in aid of the cultivation and diffusion of scientific truth.

The Secretary was directed to forward to Miss M. W. BRUCE a copy of these resolutions.

Mr. CUSHING then read President PARDEE's annual address.

The following resolution was, on motion, adopted :—

Resolved, That all the acts appearing in the minutes of the meetings of the Board of Directors of this Society, as having been done by said Board during the past fiscal year, are here now, by this Society, approved and confirmed.

Adjourned.

MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS,
HELD IN THE ROOMS OF THE SOCIETY,
MARCH 31, 1900, AT 9:30 P. M.

The new Board of Directors was called to order by Mr. BURCKHALTER. A quorum was present. The minutes of the last meeting were approved.

The business in hand being the election of officers and committees for the ensuing year, the following officers and committees, having received a majority of the votes cast, were duly elected :—

President: Mr. JAMES E. KEELER.

First Vice-President: Mr. CHAS. BURCKHALTER.

Second Vice-President: Miss R. O'HALLORAN.

Third Vice-President: Mr. S. D. TOWNLEY.

Secretaries: Messrs. C. D. PERRINE and F. R. ZIEL.

Treasurer: Mr. F. R. ZIEL.

Committee on the Comet-Medal: Messrs. KEELER (*ex-officio*), PIERSON, and BURCKHALTER.

Library Committee: Mr. TOWNLEY, Miss O'HALLORAN, Miss HOBE. Mr. TOWNLEY was appointed Librarian.

Finance Committee: Messrs. PIERSON, BURCKHALTER, HILL.

The Committee on Publication is composed of: Messrs. R. G. AITKEN, S. D. TOWNLEY, O. VON GELDERN.

Adjourned.